

Special Issue

Memristor-Based Systems for Cryptography and Artificial Intelligence

Message from the Guest Editor

In recent years, memristor-based computing has emerged as a promising paradigm for various applications, including encryption, artificial intelligence (AI), and chaos-based security mechanisms. The nonlinear and memory characteristics of memristors offer unique advantages for secure data processing, hardware-efficient cryptographic algorithms, and neuromorphic computing. With this, the current Special Issue aims to bring together cutting-edge research on the intersection of memristors, cryptography, and AI, fostering advancements in secure and efficient computing architectures. We look forward to your contributions.

Guest Editor

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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